# **Service Schematics**

### Introduction

### **Important:**

This document is intended for use by authorized service centers only.

"Service Schematics" was created with focus on customer care.

The purpose of this document is to provide further technical repair information for NOKIA mobile phones on Level 3/4 service activities.

It contains additional information such as e.g. "Component finder",

"Frequency band table" or "Antenna switch table".

The "Signal overview" page gives a good and fast overview about the most important signals and voltages on board.

Saving process time and improving the repair quality is the aim of this document. It is to be used additionaly to the service manual and other training or service information such as Service Bulletins.

#### All measurements were made using following equipment:

Phoenix version 2006.04.6.130 Nokia repair SW

Oscilloscope Fluke PM 3380A/B

Spectrum Analyzer Advanced R3162 with an analog probe

RF-Generator/GSM Tester: Rhode & Schwarz CMU 200

Multimeter Fluke 73 Series II

While every endeavour has been made to ensure the accuracy of this document, some errors may exist. If the reader finds any errors, NOKIA shall be notified in writing.

Please send E-Mail to: training.sace@nokia.com

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RM-166/167



#### **Table of contents Frontpage** DCT-4 common baseband Sytem connector & Audio **UEME & SIM UPP, Combo memory & IrDA FM Radio & Camera** UI. Vibra & Kev PWB RF part Signal overview Component finder - engine 10 Component finder - keyboard 11

## **Exploded view and component disposal**

6070 RM-166 Exploded view



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DOMESHEET (A1)

UI SHIFLD (A3)

ELECTRO SILICON METAL PLASTIC PWB COVER

A-COVER ASSY

KEYMAT

LED (A1)

SCREWS

BEZEL(AZ)

**ENGINE MODULE** 

BB LID ASSY

CAMERA MODULE

CAMERA SHIELD

1025

MICRO (A4)

DC-JACK (A4)

SIM-GRIP (A4)

B-COVER (A4)

VOLUME KEY (A4)

TYPE LABEL

RELEASE BUTTON (A6)

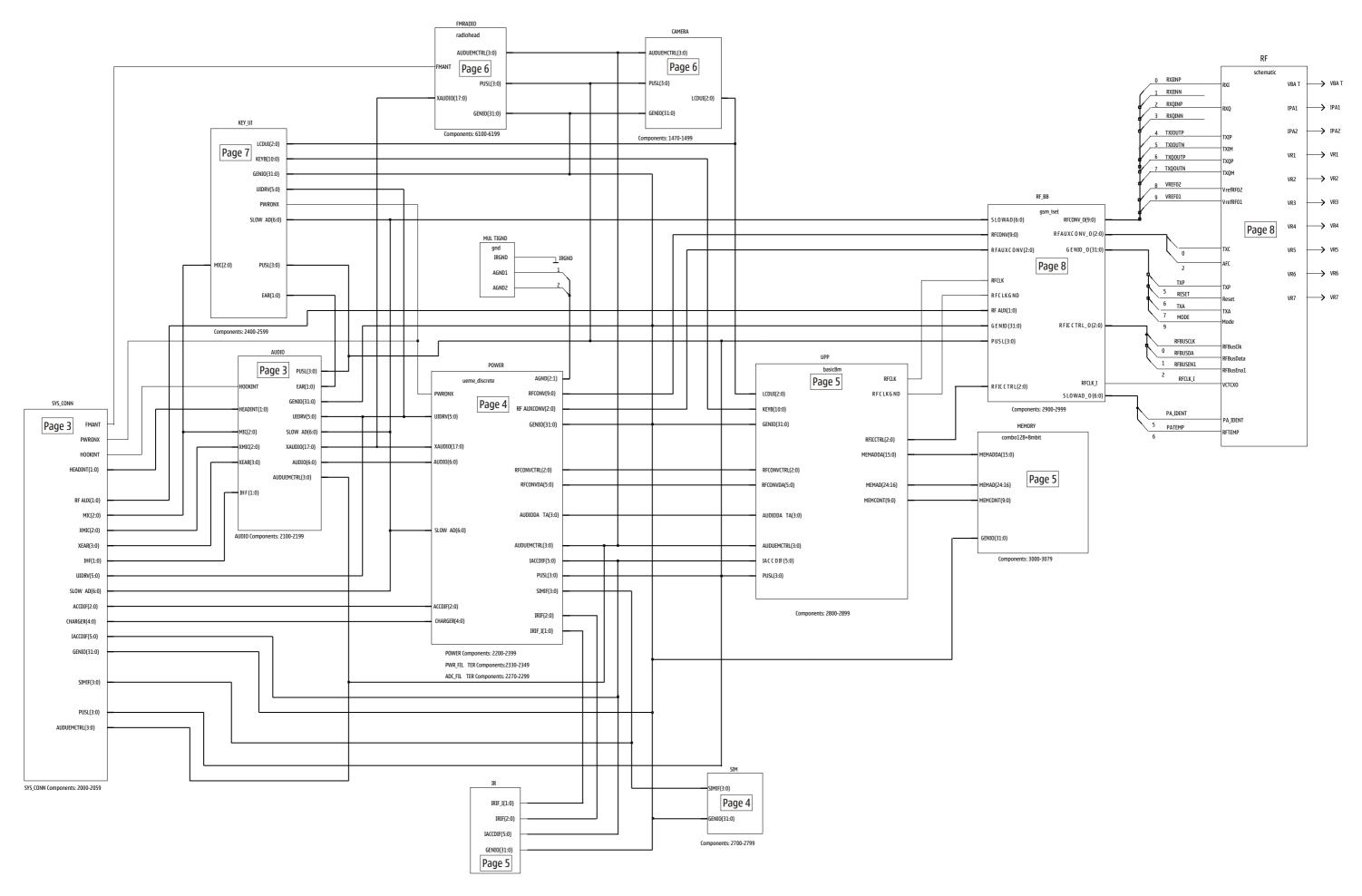
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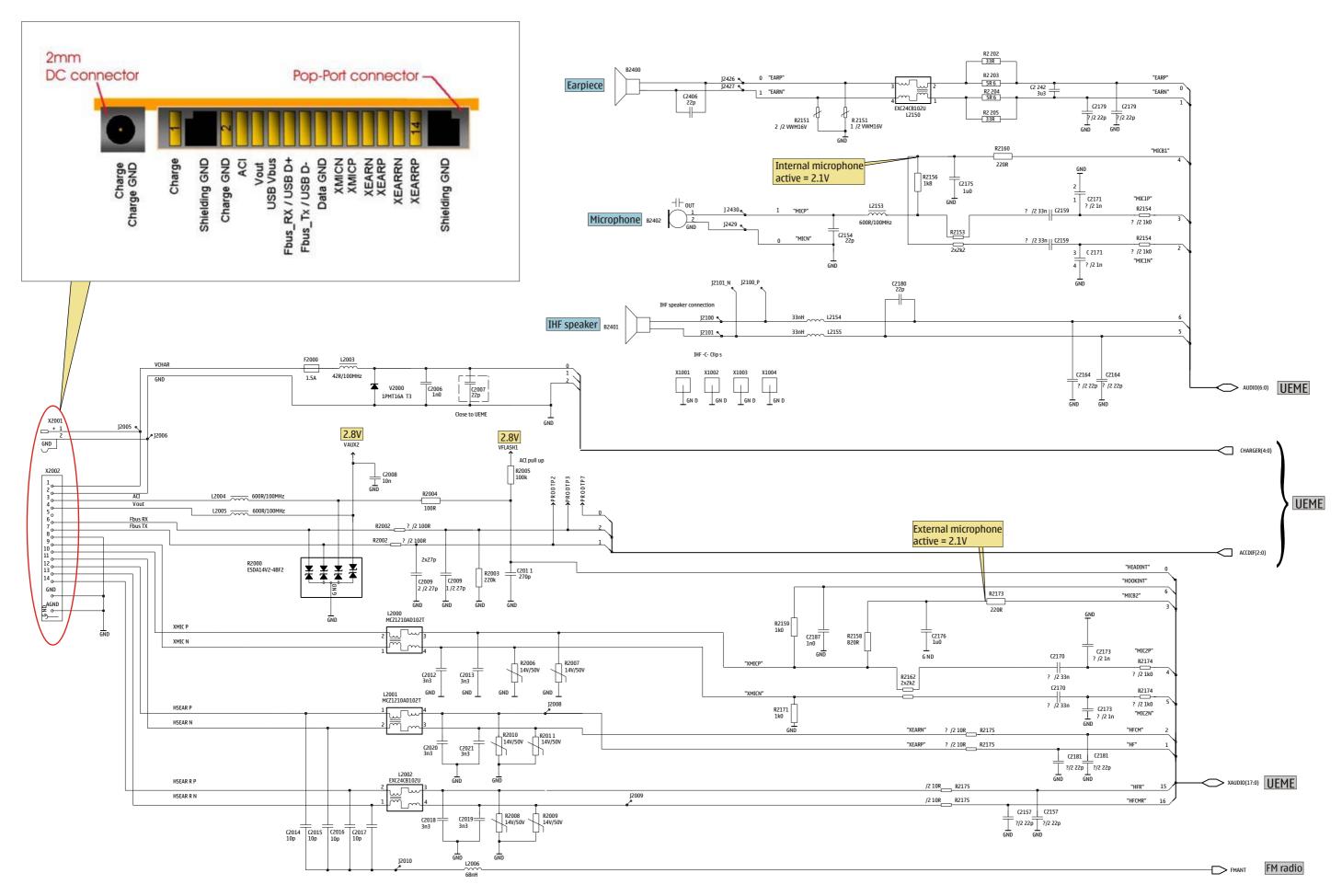
UI PWB (A1)

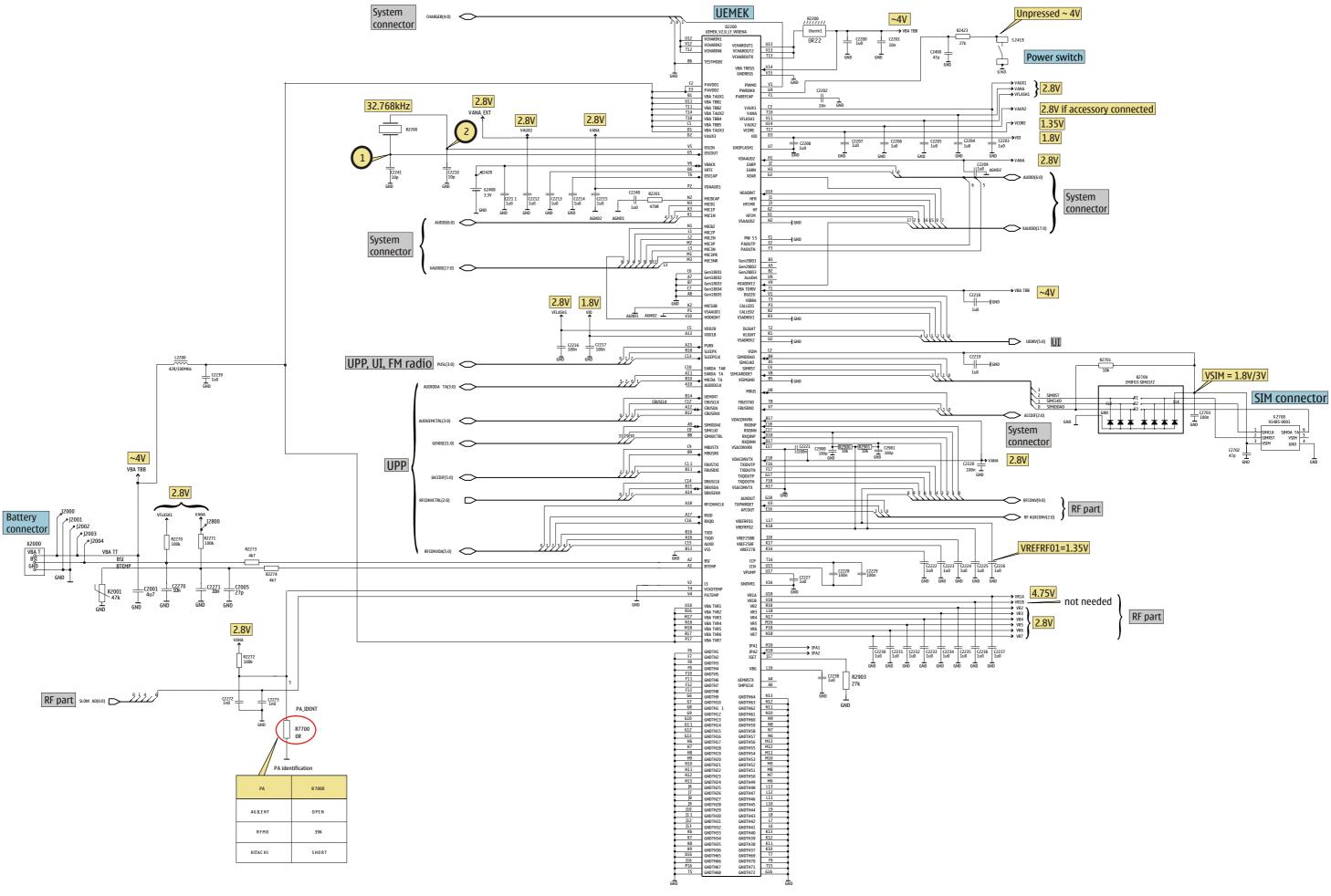
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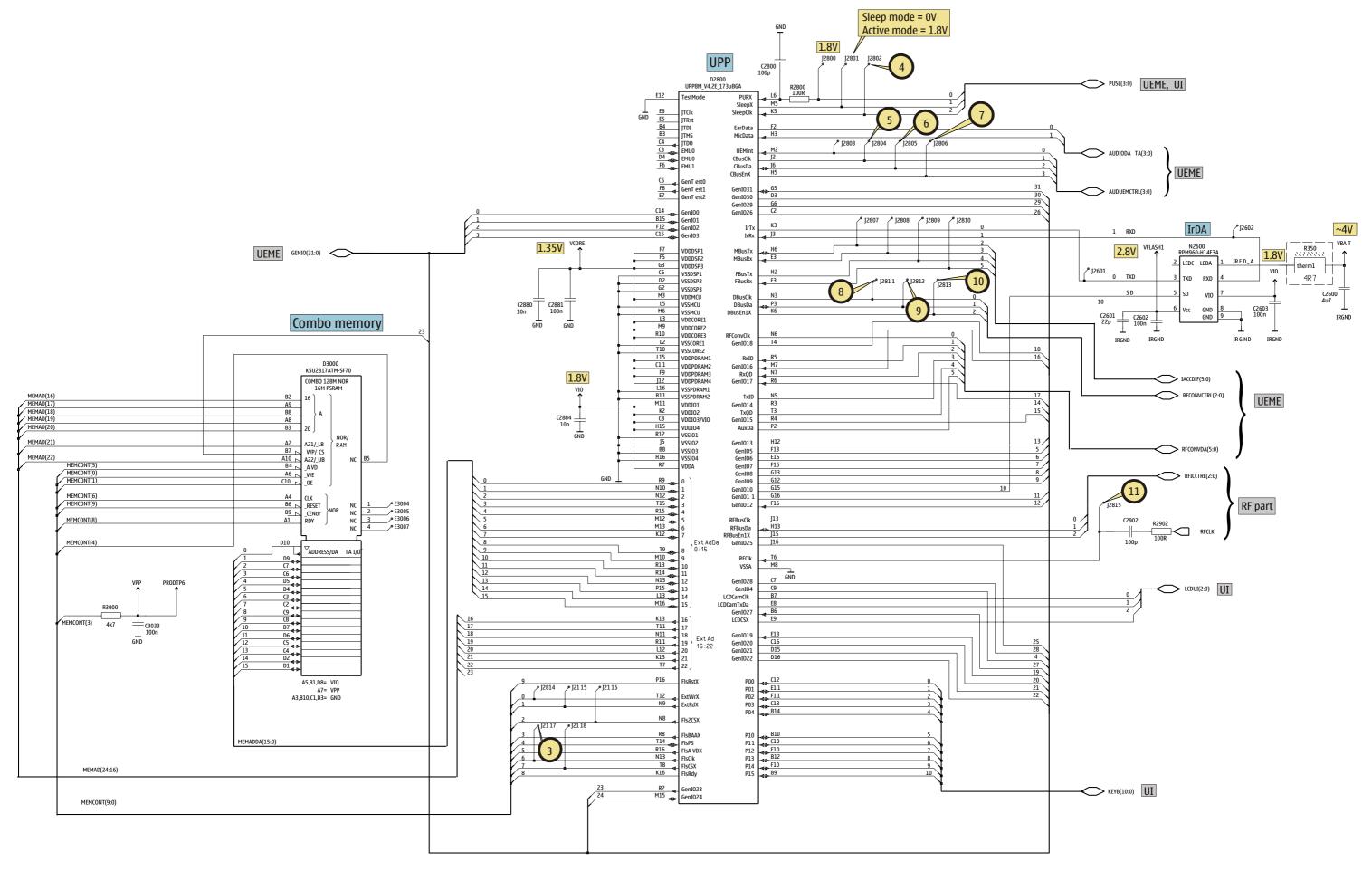
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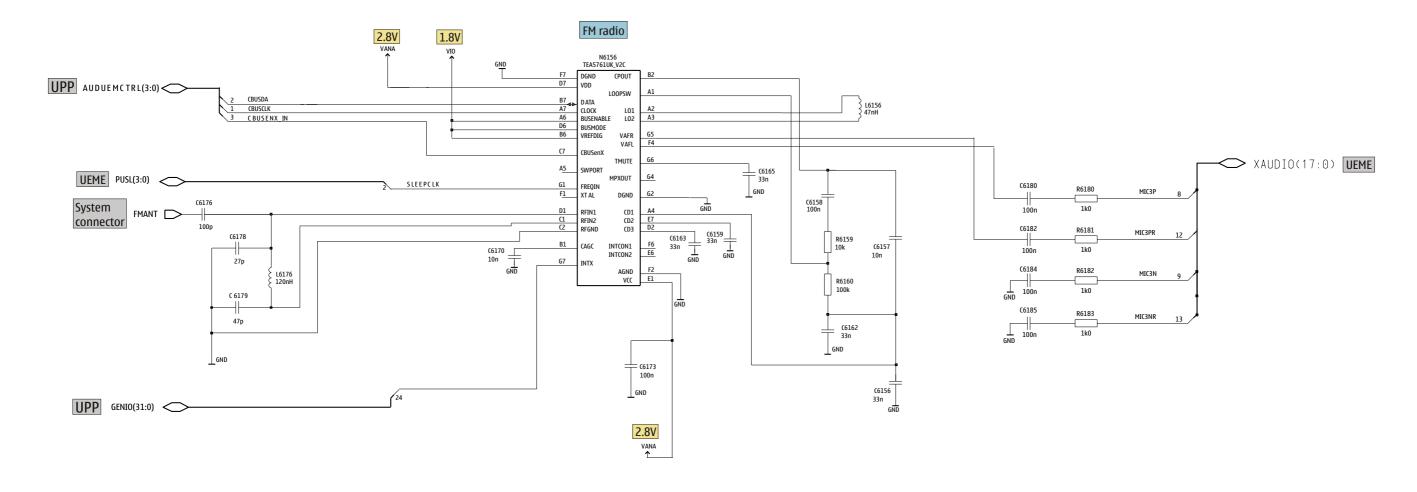
UI PWB HOLDER (A2)

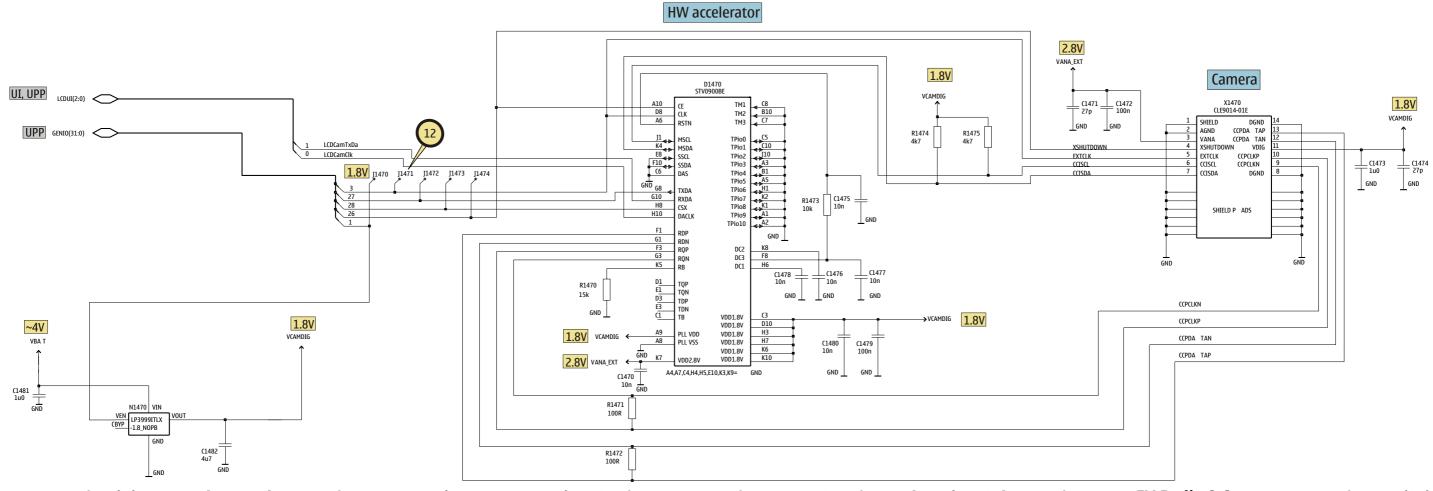


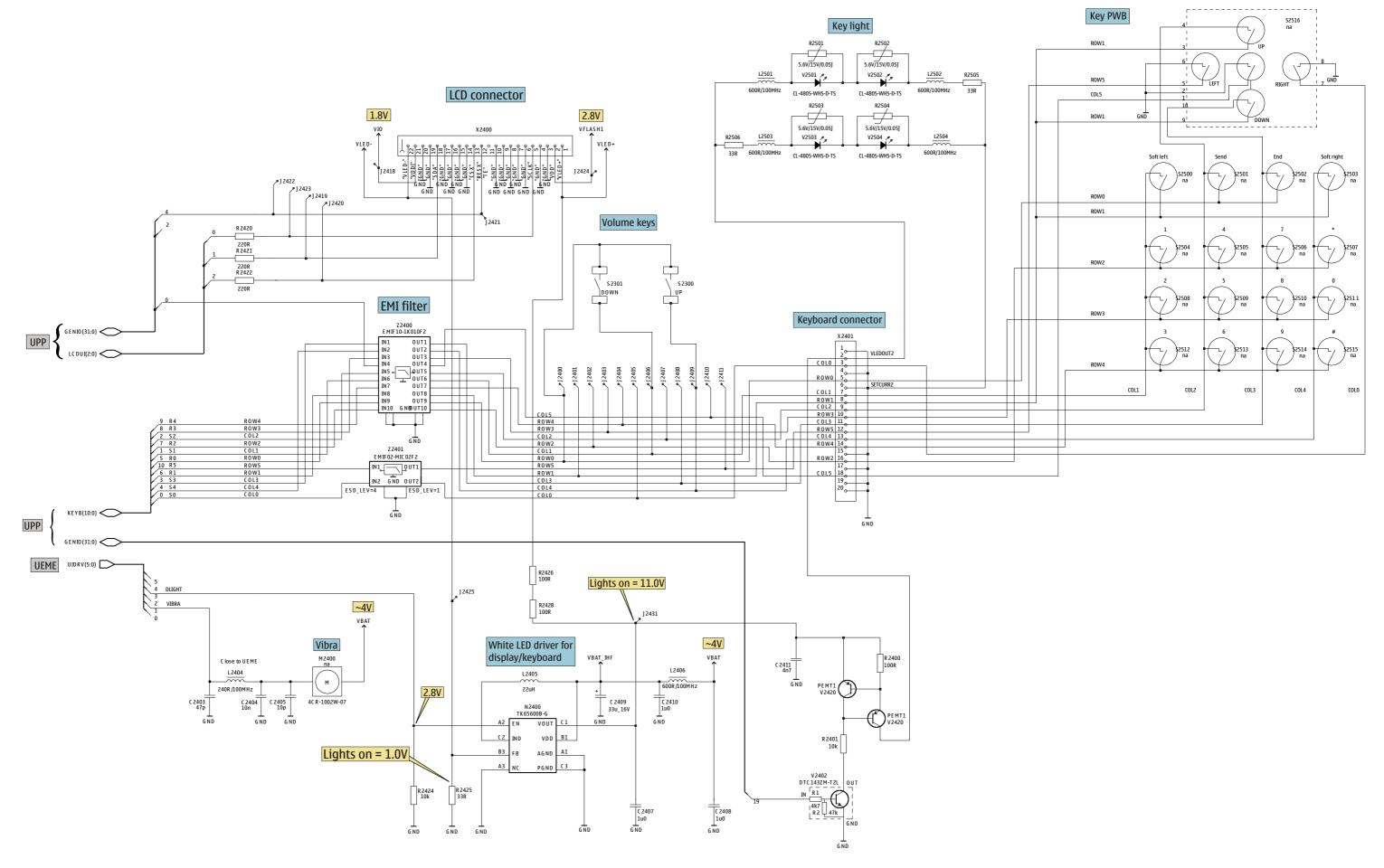


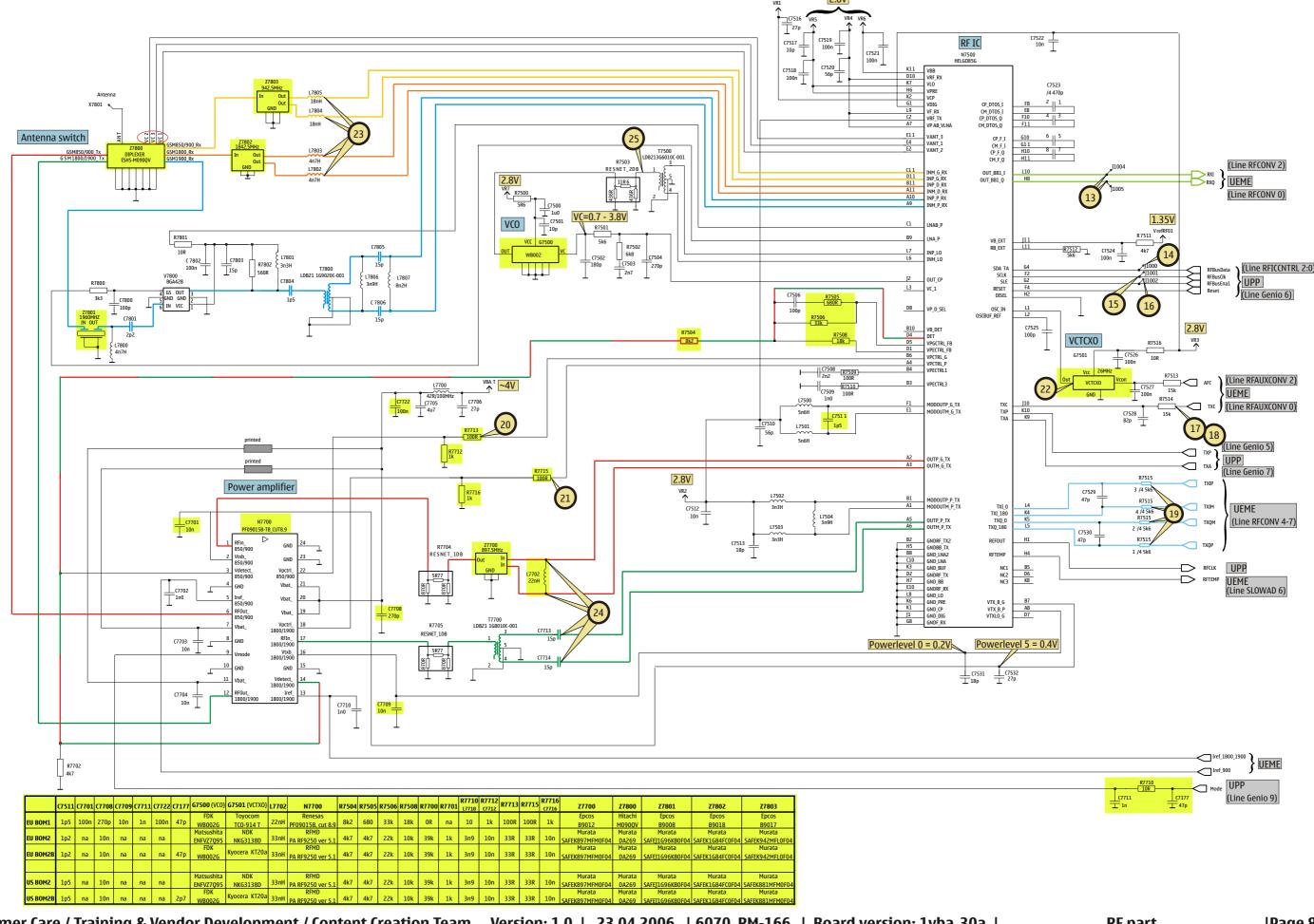


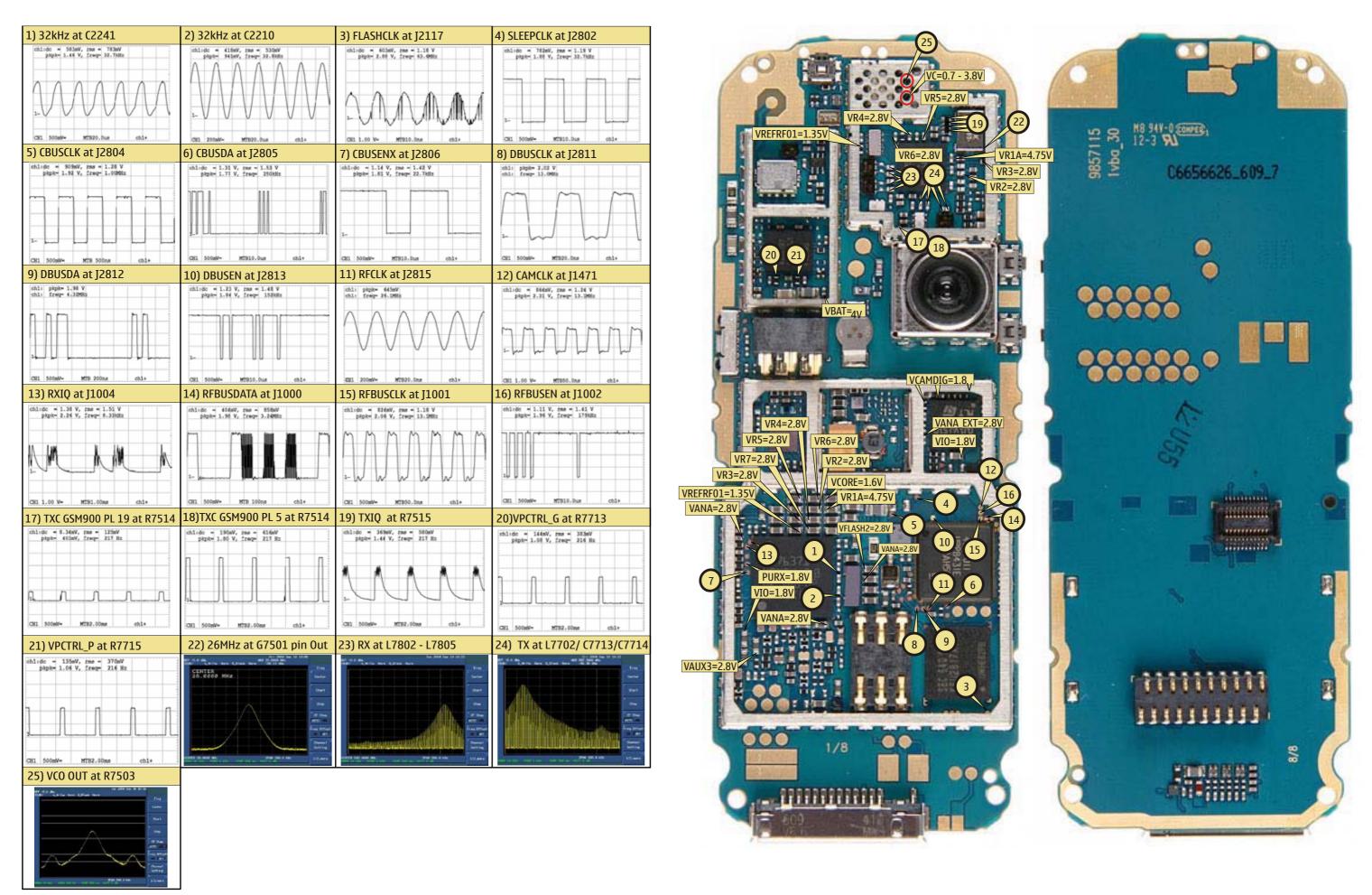


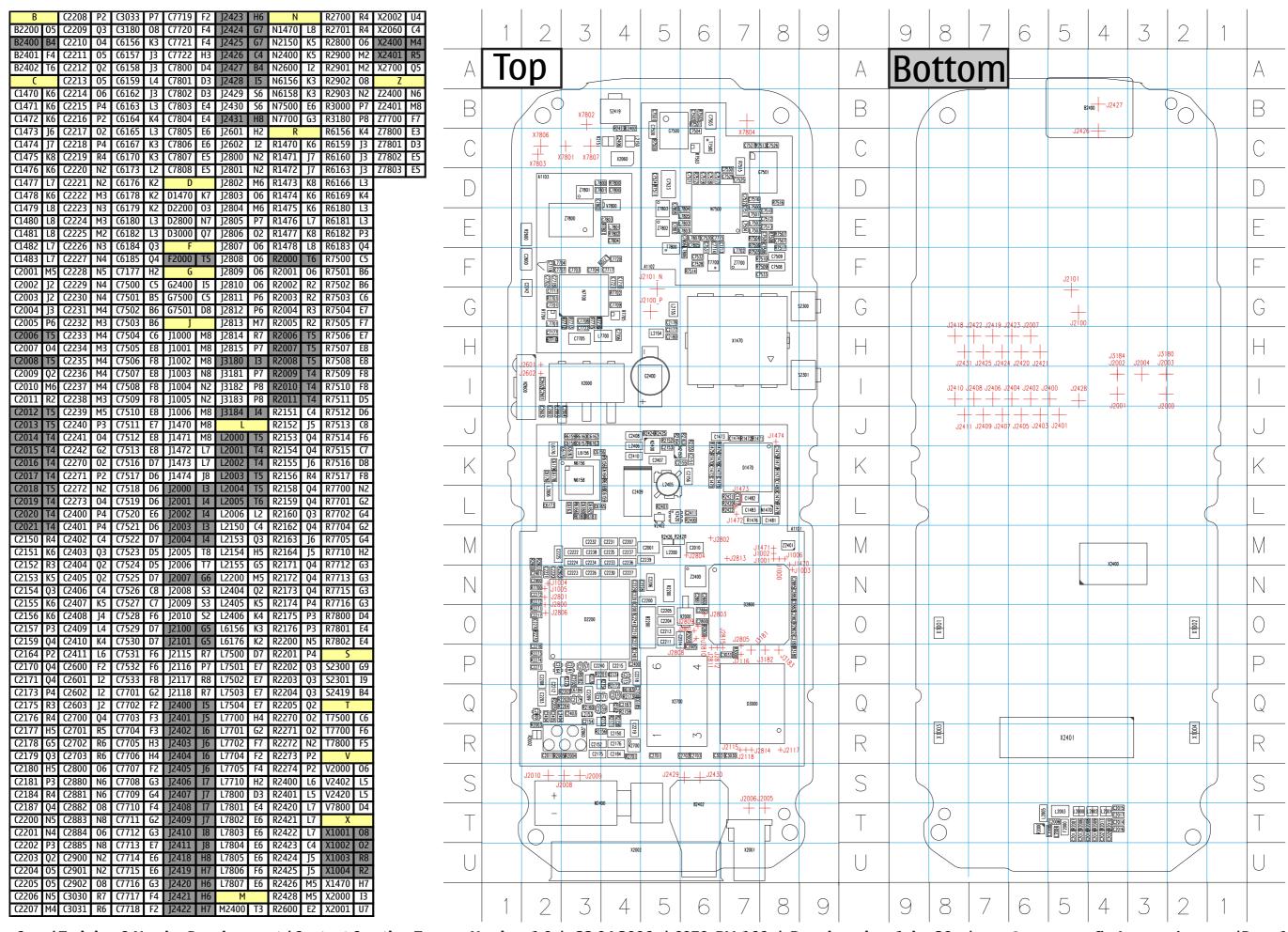












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